

Atty. Dkt. No. 074129-0487

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

#4  
P.L.H.  
1-603

Applicant: Yoshihiro TAKEMOTO et al.

Title: A METHOD AND APPARATUS FOR  
MANUFACTURING SYNTHETIC RESIN  
HOLLOW MEMBER INCORPORATING AN  
INTERMEDIATE ELEMENT THEREIN AND THE  
SYNTHETIC RESIN HOLLOW MEMBER

Appl. No.: 09/925,790

Filing Date: 08/10/2001

Examiner: Unassigned

Art Unit: 1732

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TC 1700

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Commissioner for Patents  
Box PATENT APPLICATION  
Washington, D.C. 20231

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56. A copy of each listed document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.



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TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits.

RELEVANCE OF EACH DOCUMENT

Any document listed on the attached PTO/SB/08 was cited in a Japanese Office Action. English-language counterparts of the foreign-language documents have not been provided. The absence of a translation or an English-language counterpart document does not relieve the PTO from its duty to consider any submitted document (37 CFR §1.98 and MPEP§609). English language abstracts are attached.

Document A1 relates to a rotary type injection molding die structure and manufacture thereof.

Document A2 was cited in the specification and submitted previously in Applicants' Information Disclosure Statement filed August 10, 2001. Accordingly, no additional copy is being provided.

Document A3 relates to a molding of hollow molded product.

Document A4 relates to a hollow molded product and production thereof.

Document A5 relates to a mold for molding hollow object.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any

overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date January 3, 2003

FOLEY & LARDNER  
Customer Number: 22428




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PATENT TRADEMARK OFFICE

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Substitute for form 1449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> Date Submitted: January 3, 2003 (use as many sheets as necessary)		<b>Complete if Known</b>	
Sheet	1	of	1
		<b>Application Number</b> 09/925,790 <b>Filing Date</b> 08/10/2001 <b>First Named Inventor</b> Yoshihiro TAKEMOTO <b>Group Art Unit</b> 1732 <b>Examiner Name</b> Uassigned <b>Attorney Docket Number</b> 074129-0487	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	A1	JP	4-91914	A	JAPAN STEEL WORKS LTD	03/25/1992		A
	A2	JP	7-217755	A	JAPAN STEEL WORKS LTD	08/15/1995		
	A3	JP	8-11155	A	mitsubishi RAYON CO LTD	01/16/1996		A
	A4	JP	8-34032	A	INOAC CORP	02/06/1996		A
	A5	JP	9-248842	A	HONDA MOTOR CO LTD	09/22/1997		A

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>

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Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.